

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-32229
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	DAVIS, F. B.
8. Well No.	4
9. Pool Name or Wildcat	SW TEAGUE, GLORIETAUP.PADDOCK

SUNDRY NOTICES AND REPORTS ON WELL (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	P.O. Box 46510, Denver Colorado 80201-6510
4. Well Location	Unit Letter <u>H</u> : <u>2004</u> Feet From The <u>NORTH</u> Line and <u>650</u> Feet From The <u>EAST</u> Line Section <u>8</u> Township <u>23-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	GR-3321'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ SPUD, SURF CSG, PROD CSG.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- NABORS RIG #403 SPUD 11 INCH HOLE @ 8:30 PM 06-16-95. DRILLED TO 1185'. TD @ 9:15 AM 06-17-95.
- RAN 28 JOINTS OF 8 5/8" 24#, CF-50, STC CASING SET @ 1185'. RAN 8 CENTRALIZERS.
- DOWELL CEMENTED WITH 350 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 3:30 PM 06-17-95. CIRCULATED 126 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 2:45 AM TO 4:15 AM 06-18-95.
- WOC TIME 11-1/4 HOURS FROM 3:30 PM 06-17-95 TO 2:45 AM 06-18-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 609 (CU. FT.), TAIL 268 (CU. FT.).
 - APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
 - EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 - EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1386 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 11-1/4 HOURS.
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 6900'. TD @ 1:30 AM 06-26-95.
- HLS RAN DLL-MSFL-CSL-GR, SONIC-GR-CAL, CSNG-CNL-LDT-CAL.
- RAN .03 JOINTS OF 5 1/2", 17# L-80 (1535'), 34 JOINTS OF 17#, K-55(1517') AND 54 JOINTS OF 15.5# K-55, LTC CASING SET @ 2409'.
- DOWELL CEMENTED WITH 1040 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 250 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 2:00 AM 06-26-95. CIRCULATED 47 SACKS.
- ND. RELEASE RIG @ 6:00 AM 06-26-95.
- PREP TO COMPLETE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C. P. Basham / SRH TITLE Drilling Operations Mgr. DATE 7/26/95

TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE AUG 23 1995

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 6 1 1995

OLD HOBBS
OFFICE

Schlumberger

Dowell

CemDABE Cement Test Report

June 23, 1995

DATE OF TEST : 23-jun-1995

TEST NUMBER : NPD547300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : F B DAVIS 4

CEMENT
Class : H
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 8.09 gal/sk
Type : LO
Total liquid : 8.09 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.63 ft³/sk

B.H.S.T. : 117.0 F

B.H.C.T. : 106.0 F

ADDITIVES		
Code	Concent.	Unit
D053	12.000	% BWOC
S001	1.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Thickening Time : 2 hr 4 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	0.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	0.0	0.0
200.0	0.0	0.0
100.0	0.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	0.0	0.0
3.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
0	0.0	117.0
0	0.0	0.0
0	0.0	0.0

Comment :

PILOT TEST

R-F-C (H) 12-1

LOCATION WATER USED

SQUEEZE 5300'

RECEIVED

AUG 6 1995

CCD MODEL
OFFICE

Schlumberger

Dowell

CemDABE Cement Test Report

June 26, 1995

DATE OF TEST : 26-jun-1995

TEST NUMBER : NPD547300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : F B DAVIS 4

CEMENT
Class : H
Blend : 5050
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.30 gal/sk
Type : LO
Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.35 ft³/sk

B.H.S.T. : 118.0 F

B.H.C.T. : 107.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 29.679 lb_f/100ft²

P_y : 25.438 cP

Correlation coefficient : 0.993

Thickening Time : 4 hr15 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	54.0	0.0
200.0	48.0	0.0
100.0	38.0	0.0
60.0	34.0	0.0
30.0	28.0	0.0
6.0	25.0	0.0
3.0	18.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
100	6.0	118.0
525	12.0	118.0
1150	24.0	118.0

Comment :

FIELD BLEND

50/50POZ/H + 2%D20 + 5%D44(BWOW) + 1/4#SKD29

LOCATION WATER USED

LONG STRING TAIL 5475'

RECEIVED

NOV 6 1960

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OFFICE

Schlumberger

Dowell

CemDABE Cement Test Report

June 27, 1995

DATE OF TEST : 26-jun-1995

TEST NUMBER : NPD547300003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : F B DAVIS 4

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.95 gal/sk
Type : LO
Total liquid : 11.94 gal/sk

SLURRY

Density : 12.40 lb/gal
Yield : 2.14 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 118.0 F
B.H.C.T. : 107.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 17.709 lbf/100 ft²

P_o : 14.803 cP

Correlation coefficient : 0.972

Thickening Time : 9 hr43 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	33.0	0.0
200.0	26.0	0.0
100.0	24.0	0.0
60.0	20.0	0.0
30.0	18.0	0.0
6.0	13.0	0.0
3.0	11.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
180	6.0	118.0
290	12.0	118.0
400	24.0	118.0

Comment :

FIELD BLEND

35/65P02/H + 6%D20 + 5%D44(BWOW) + 1/4#SKD29

LOCATION WATER USED

LONG STRING LEAD 5475'

RECEIVED

NOV 11 1985
U.S. DEPT. OF JUSTICE
OFFICE

Schlumberger
Dowell

CemDABE Cement Test Report

June 17, 1995

DATE OF TEST : 17-jun-1995

TEST NUMBER : NPD546000002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : FB DAVIS 4

CEMENT
Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.32 gal/sk
Type : LO
Total liquid : 6.32 gal/sk

SLURRY

Density : 14.80 lb/gal
Yield : 1.32 ft³/sk

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 18.723 lbf/100ft²

P_o : 11.236 cP

Correlation coefficient : 0.998

Thickening Time : 2 hr 3 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	30.0	0.0
200.0	26.0	0.0
100.0	22.0	0.0
60.0	21.0	0.0
30.0	20.0	0.0
6.0	19.0	0.0
3.0	14.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
1150	6.0	92.0
1420	12.0	92.0
1850	24.0	92.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE TAIL 1100' POD = 0:58

RECEIVED

AUG 6 1985
JOJO HOBBS
OFFICE

Schlumberger
Dowell

CemDABE Cement Test Report

June 17, 1995

DATE OF TEST : 17-jun-1995

TEST NUMBER : NPD546000001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : FB DAVIS 4

CEMENT

Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 9.11 gal/sk
Type : LO
Total liquid : 9.11 gal/sk

SLURRY

Density : 13.50 lb/gal
Yield : 1.74 ft³/sk

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 F

ADDITIVES		
Code	Concent.	Unit
D020	4.000	% BWOC
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 37.140 lbf/100ft²

P_0 : 9.038 cP

Correlation coefficient : 1.000

Thickening Time : 2 hr23 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	46.0	0.0
200.0	43.0	0.0
100.0	40.0	0.0
60.0	39.0	0.0
30.0	38.0	0.0
6.0	31.0	0.0
3.0	26.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
419	6.0	92.0
839	12.0	92.0
1100	24.0	92.0

Comment :

FIELD BLEND

CLASS C + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1100' POD = 1:33

RESERVE

APR 11 1960
U.S. ROADS
OFFICE